

Narrative text:

Question 4: CSWR operates, manages and develops weather observing systems for the National Science Foundation (NSF) Lower Atmospheric Observing Facilities (LAOF) program. This work is supported by various base funding, deployment and development grants including the ones listed in the form.

Question 6a: CSWR conducts research involving weather observing systems, and develops and deploys these systems to study various weather phenomena. Deployments are supported by short term grants while base funding grants, listed in the form, provide ongoing support for development, management, and maintenance of these systems

Question 6b: Communications are required between various instrumentation systems to coordinate deployments, provide for the coordination and safety of instrument and vehicle crews, for other logistical purposes, and for coordination of scientific objectives.

Question 6c: Research deployments are often conducted in remote areas where cellular service is unavailable. Instantaneous communications are required for safety in many severe weather situations.